



ADVANCING GLOBAL PROGRESS THROUGH PHOTONICS

Photonics - the science of creating, manipulating, transmitting and detecting light that is literally everywhere, from smartphone displays to fibre-optic broadband to energy-saving LED lights to the laser surgery that saves our life. As light particles (known as photons) replace electrons in many of our most important technologies, innovations already in the pipeline will improve healthcare, grow food, save energy, cut pollution, expand connectivity, transform manufacturing and usher in a new era of mobility. - Europes' Age of Light!, Photonics21.





EARLY STAGE PHOTONIC INVESTOR



VIGO VENTURES - PHOTONIC INVESTOR SNAPSHOT

TICKETS
PRE- & SEED:

0,2-1,5M€

ALL
PHOTONICS
FOCUS

~180 FIELD
EXPERTS IN
PORTFOLIO
COMPANIES

AND
PROCESS
APPROACH

EVERGREEN FUND STRUCTURE

ACCESS TO GROWTH FINANCING UP TO 15M€

PRIVATE CAPITAL

GEOGRAPHY: EUROPE, USA, CANADA IP AND
TECHNOLOGY
DRIVEN



VIGO VENTURES - NETWORK HARD COMPETENCES

PIC DESIGN &

FABRICATION

USER-SPEC
TO TAPE-OUT
- ONE-SHOP
SERVICE

FABLESS
DESIGN ASIC
ANALOG &
DIGITAL

ULTRA SHORT
PULSE LASER
DESIGN AND
MANUFACTURING

PHOTONIC & ELECTRONIC INTEGRATON

EPI WAFER
PRODUCTION;
FRONT-END,
BACK-END

SYSTEM
INTEGRATION
FOR INDUSTRIAL
APPLICATIONS

QUANTUM DOT FORMULATION FOR DISPLAY SENSING & IMAGING

SENSING FOR
INDUSTRIAL AND
CONSUMER
APPLICATIONS

VIGO VENTURES - NETWORK SOFT COMPETENCES

HR STRATEGY
& TEAM
BUILDING

ASSESING AND
RAISING
ORGANIZATION
MATURITY

FUNDING
READINESS
AND GROWTH
PATH

INVESTOR
NETWORK
MATCHMAKING

GROWTH
STRATEGY

PHOTONIC NETWORK MATCHMAKING SOFT FUNDING
SCOUTING AND
WRITING

PHOTONIC
SUPPLY CHAIN
ACCESS

SCOUTING FOR
COMPLEMNTARY
TECHNOLOGIES



VIGO VENTURES - PHOTONIC INVESTOR - FOCUS

Photonics is growing to become a trillion-dollar market in 2026.

Solving one Grand Challenge at a time, using light.

Data transmission and bandwidth demand

Precision sensing in healthcare

Clean energy and sustainability Healthcare and medical treatments

Quantum computing and cryptography

Optical fibers and photonic integrated circuits (PICs)

Optical sensors, spectroscopy, and imaging technologies

Laser fusion, fiber and optical sensors Laser-based surgeries, optical biosensors

Photonic qubits and integrated photonic circuits

Energy efficiency in computing Advanced manufacturing and quality control

Autonomous vehicles and smart Mobility

Environmental monitoring

Security and defense

Photonic computing and interconnects

Laser-based manufacturing and optical sensors

LIDAR systems, optical cameras, and sensors

Optical spectrometers, laser-based remote sensing

Imaging, highspeed secure communicatio, laser-based defense

VIGO

PORTFOLIO



Fluence.technology proprietary all-fiber femtosecond lasers for industrial, medical and R&D use.



Photon IP making advanced optical chips by eliminating trade-offs in photonic integration.



QustomDot heavy metal-free quantum dot ink for next generation display technologies.



ChipCraft the custom silicon design company (Analog & Digital). IP core provider. From userspec to TapeOut – one-shop service.



KSM Vision proprietary smart machine vision systems for industrial in-line quality control.



Quantune Technologies has invented the world's first chip-sized laser spectrometer for molecular sensing in its native spectral range.



Deep Detection multi-spectral X-ray cameras (with deep learning capabilities).



Femtum provider of mid-infrared pulsed fiber lasers, for scientific, medical and industrial use.



SpexAI hyperspectral technology unlocking insights on chemical composition and plant health for controlled-environment and greenhouse growers.



AegiQ is a quantum computing and networking company on a mission to deliver customer value using quantum & integrated photonic technology.



VIGO VENTURES INVESTMENT GROUP



VIGO Photonics

has gone ,the whole 9 yards' as projects that we are looking for - from spin-off to the world-class technology leader. The projects in which we invest, may have access to technological and commercial resources, contacts and experience in the commercialization of hardware projects.

- Business support (sharing business contacts, access to distribution channels),
- Potential joint commercial and grant projects
- Access to photonic experts
- Knowledge of the industry standards and supply chain



Warsaw Equity Group

one of the oldest Polish privately held investment companies with over 20 years of history and an entrepreneurial DNA. Co-creators of the success of multimillion dollar-companies. The projects in which we invest, will have access to the business network and experience of WEG.

- Access to the network of experts and the WEG ecosystem (HR, c-level managers),
- Sharing knowledge and experience of working with companies at a later stage of development,
- Partners for growth (organization, sales)





Shedding light on the future by investing in photonics